



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "CREATING A PARALLEL STRUCTURE FOR SCENE-BASED RENDERING," the specification of which:

aa Ammliaation			
aa Ammliaatian			
as Application	i Serial No.		
	_ (if applicable).		
		ove-identified	specification,
certificate listed below intry other than the U	v, or under § 365(a) of any P Inited States of America, an	CT internation d have identif	nal application ied below any
Country	Filing Date (mm/dd/yy)	Priority Claimed	Cert. copy Attached
der 35 U.S.C. § 119((e) of any United States pro-	visional applic	ration(s) listed
Filing Date (mm/dd/yy)			
09/24/99			
01/11/00			
lication listed below of this application provided by the first the to be material to 1 in 37 C.F.R. § 1.56	designating the United States on is not disclosed in the paragraph of 35 U.S.C. § 11 the patentability of the sub, which became available be	of America, a prior United S 2, I acknowled ject matter cl	and, insofar as States or PCT Ige the duty to aimed in this
Filing Date (mm/dd/yy)	Parent Patent No. (if	applicable) or	Status
09/22/00	Pend	!:	
	eviewed and understry amendment referred sclose to the Patent at matter claimed in the certificate listed below intry other than the Unitor's certificate, or or priority is claimed. Country Filing Date (mm/dd/yy) 09/24/99 01/11/00 der 35 U.S.C. § 120 clication listed below clims of this application provided by the first et o be material to do in 37 C.F.R. § 1.56 country in The International filing Filing Date	ry amendment referred to above. sclose to the Patent and Trademark Office all informatter claimed in this application, as "materiality matter claimed in this application, as "materiality matter claimed in this application, as "materiality price matter claimed in this application, as "materiality or the patents of the p	eviewed and understand the contents of the above-identified by amendment referred to above. Sclose to the Patent and Trademark Office all information know matter claimed in this application, as "materiality" is defined in the matter claimed in this application, as "materiality" is defined in the claimed in this application, as "materiality" is defined in the claimed in the United States of America, and have identificated its certificate, or of any PCT international application, having priority is claimed. Country Filing Date Priority (mm/dd/yy) Claimed Filing Date (mm/dd/yy) 09/24/99 01/11/00 The der 35 U.S.C. § 120 of any United States application(s) listed be lication listed below designating the United States of America, a ims of this application is not disclosed in the prior United Sprovided by the first paragraph of 35 U.S.C. § 112, I acknowled to be material to the patentability of the subject matter claim 37 C.F.R. § 1.56, which became available between the filing CT international filing date of this application. Filing Date Parent Patent No. (if applicable) or (mm/dd/yy) Parent Patent No. (if applicable) or (mm/dd/yy)

P4470

I hereby revoke any previous Powers of Attorney and appoint

Kenneth Olsen	Reg. No. 26,493
Robert S. Hauser	Reg. No. 37,847
Alexander E. Silverman	Reg. No. 37,940
Christine S. Lam	Reg. No. 37,489
Timothy J. Crean	Reg. No. 37,116
Joseph T. FitzGerald	Reg. No. 33,881
Anirma Rakshpal Gupta	Reg. No. 38,275
Sean P. Lewis	Reg. No. 42,798
Michael J. Schallop	Reg. No. 44,319
Bernice B. Chen	Reg. No. 42,403
Kenta Suzue	Reg. No. 45,145
Noreen A. Krall	Reg. No. 39,734
Richard J. Lutton, Jr.	Reg. No. 39,756
Monica D. Lee	Reg. No. 40,696
Marc D. Foodman	Reg. No. 34,110
Naren Chaganti	Reg. No. 44,602
Elaine Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779

each of said attorneys being employed by Sun Microsystems; and

Dan R. Christen	Reg. No. 39,943
Gentry E. Crook	Reg. No. 44,633
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Dan R. Christen Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, Texas 78767-0398 Phone: (512) 476-1400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under

torney Docket No.: 5181-45500

18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name:	Henry Sowizral		
Inventor's Signature:		Date: 12/	24/2000
City and State (or Foreign Commy) of Residence	ce: Bellevue, WA	Citizenship:	U.S.A.
Post Office and Residence Address: (Include	3031 170 th Place SE, Bell number, street name, city, state a		
Inventor's Full Name:	Kevin Rushforth		
Inventor's Signature:		_ Date:	
City and State (or Foreign Country) of Residence	ce: San Jose, CA	Citizenship:	U.S.A.
Post Office and Residence Address: (Include	3314 Fawn Dr., San Jose number, street name, city, state a		
Inventor's Full Name:	Doug Twilleager		
Inventor's Signature:		Date:	
City and State (or Foreign Country) of Residence	ce: Campbell, CA	Citizenship:	U.S.A.
Post Office and Residence Address:	1147 Fawn Dr., Campbell		
(Include	number, street name, city, state a	ind zip code)	

orney Docket No.: 5181-45501

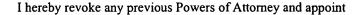


DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, f joint inventor (if plural names are li sought on the invention entitled RENDERING," the specification of	sted below) of the su "CREATING A	bject matter which is claim	ed and for wh	ich a patent is
is attached hereto. was filed on January 11, and was amended on	, 2001 as Application	Serial No. 09/759,597 (if applicable).		
I hereby state that I have including the claims, as amended by a	reviewed and unders any amendment referr	tand the contents of the a ed to above.	bove-identified	specification,
I acknowledge the duty to d material to patentability of the subject 1.56.				
I hereby claim foreign pri application(s) for patent or inventor's listed below designating least one co foreign application for patent or inve before that of the application on which	certificate listed below untry other than the lantor's certificate, or o	w, or under § 365(a) of any United States of America, a	PCT internation of have identified the property of the propert	nal application ied below any
Prior Foreign Application No.	Country	Filing Date (mm/dd/yy)	Priority Claimed	Cert. copy Attached
N/A				
I hereby claim the benefit us below.	nder 35 U.S.C. § 119	(e) of any United States pro	ovisional applic	cation(s) listed
Provisional Application No.	Filing Date (mm/dd/yy)			
60/156,054	09/24/99			
60/175,580	01/11/00			
I hereby claim the benefit un § 365(c) of any PCT international app the subject matter of each of the cl international application in the manne disclose all information known to n application, as "materiality" is define prior application and the national or P	plication listed below aims of this applicat or provided by the first one to be material to and in 37 C.F.R. § 1.56	designating the United State ion is not disclosed in the paragraph of 35 U.S.C. § 1 the patentability of the su 6, which became available b	s of America, a prior United S 12, I acknowled bject matter cl	and, insofar as States or PCT Ige the duty to laimed in this
Parent Application No.	Filing Date (mm/dd/yy)	Parent Patent No. (if	applicable) or	<u>Status</u>
09/668,493	09/22/00	C	IP	



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Joseph T. FitzGerald	Reg. No. 33,881
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Paul Sorkin	Reg. No. 39,039
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each of said attorneys being employed by Sun Microsystems; and

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prney Docket No.: 5181-45501 P4470

Inventor's Full Name:	Henry Sowizral		
Inventor's Signature:	Date:		
City and State (or Foreign	Country) of Residence: Citizenship:		
Post Office and Residence	(Include number, street name, city, state and zip code)		
Inventor's Full Name:	Kevin Rushforth		
Inventor's Signature:	12 Dus / Date: 3/15/01		
City and State (or Foreign			
Post Office and Residence			
Inventor's Full Name:	Doug Twilleager		
Inventor's Signature:	hour Tailleyr Date: 3/15/0/		
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Post Office and Residence	(Include number, street name, city, state and zip code)		